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January 21, 2005

Dr. Marilyn Howard Superintendent of Public Instruction Idaho Department of Education Len B. Jordan Office Building 650 West State Street Boise, ID 83720-0027

Dear Dr. Howard:

I am pleased to report that the Consolidated FY 2005 Appropriations Bill, approved by Congress and signed by the President on December 8, 2004, includes a provision that now explicitly identifies Advanced Placement (AP) teacher professional development as an authorized activity under the U.S. Department of Education's Mathematics and Science Partnership Program (MSP). These funds always have been available for AP training needs, but now states and districts are encouraged to use MSP funds for AP and Pre-AP teacher training. The new Committee Report language reads:

In light of the tremendous overlap in math and science goals and objectives between the MSP program and the Advanced Placement (AP) initiatives, grantees are encouraged to incorporate AP training into their [plans]. As in the MSP program, the AP professional development initiative focuses on increasing teachers' math and science content understanding to help them meet the highly qualified criteria required under the Elementary and Secondary Education Act as amended by the No Child Left Behind Act of 2001. The AP professional development initiative supports teachers' content development so that all students, regardless of whether or not they take AP, will receive rigorous, challenging math and science instruction.

As you consider your plans this year for mathematics and science teacher professional development, please let my colleagues and me know how the College Board can support your efforts to provide rich, rigorous AP training for AP teachers and all other middle and high school math and science teachers. Our experience suggests that <u>all</u> teachers, not just AP teachers, can benefit from AP and Pre-AP professional development programs. The enclosed brochures highlight some of the training activities that the College Board offers. Please contact the Solutions Manager for your region, Everett Jackson, at 408-367-1427, or at ejackson@collegeboard.org, and he can work with you to support your efforts.

Thank you for your consideration.

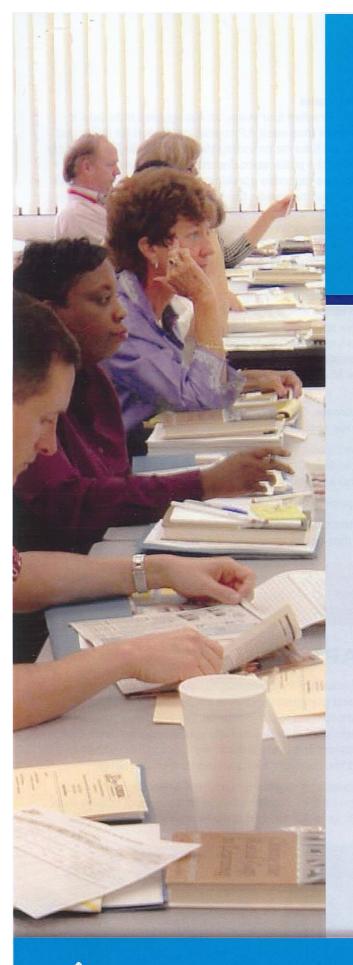
Sincerely,

Peter J. Negroni

Senior Vice President, K-12 Education

Enclosures





Professional Development Catalog

Get the best resources to help prepare students for college success!

As more students participate in rigorous academics, the demand for skilled teachers is rapidly rising. The College Board offers content-rich professional development for middle school, junior high school, and senior high school teachers to help prepare students for college success. We offer many resources to help teachers become more effective, more efficient, more creative, and up to date on the latest classroom technologies.

We currently offer professional development in the following subject areas:

- English
- History and Social Sciences: Economics, European History, Government and Politics, Human Geography, Psychology, U.S. History, and World History
- Mathematics: Calculus, Computer Science, Statistics
- **Science:** Biology, Chemistry, Environmental Science, Physics
- The Arts: Art History, Music Theory, and Studio Art
- World Languages: French, German, Italian, Latin, and Spanish

Advanced Placement Program® (AP®)

The AP^{\circledast} Program is a voluntary program that offers high school students the opportunity to take one or more collegelevel courses while they're in high school. AP courses give students a head start on college while they're in the supportive environment of a high school classroom.

Becoming a part of the AP Program has never been more beneficial. As a teacher, you can gain satisfaction from working with motivated students and have the opportunity to teach higher-level and more difficult subject matter. To help you prepare for this advantageous program, we offer many workshops and resources to help get you started!

AP Workshops

AP workshops, conferences, and seminars are led by accomplished members of the AP community and/or College Board—endorsed consultants. Participants will be guided through the skills and concepts students must master in the AP classroom and presented with the most innovative teaching practices to help engage students. The events offer excellent curricular assistance for AP educators who are new (0–3 years teaching AP), intermediate (4–7 years teaching AP), and experienced (more than 8 years teaching AP).

Customized workshops can also be developed to meet district and state requirements. For more information, please call your Solutions Manager at **1-800-999-9149**.

AP Publications

Course Descriptions

The Course Description provides a detailed outline of the course, covering content and the kinds of skills students are expected to demonstrate in an introductory college-level course. Buy them individually or purchase an entire set.

Teacher's Guides

Written for new and experienced teachers, each AP Teacher's Guide contains detailed course outlines, instructional ideas, and extensive lists of recommended teaching resources.

Released Exams

Approximately every four years, on a staggered schedule, a complete exam from each AP course is released for study and practice. In addition to providing the multiple-choice questions and answers, the publication describes the process of scoring the free-response questions and includes examples of students' actual responses, the scoring standards, and scoring commentary. A cassette or compact disc is included with exams that have audio content.

AP Program Software

APCD® is an effective tool to help prepare more students to take AP courses and practice for the exams. APCD takes a multimedia approach: its video-guided tours, audio, music, and slide shows are great study and practice tools for students to use independently at home, in the library, or in the computer lab. These Macintosh® and Windows® hybrid CD-ROMs provide:

- FAQ answers, Course Descriptions, exam previews, glossaries, test-taking strategies, and exam-day tips
- A guided mode with split screen of essay prompt/work space, with hot links to more information, icons for direct help, and sample student essays
- An unguided mode that simulates test conditions
- An instructional mode that guides practice with a question sorter, immediate feedback, and explanations

Bring the Advanced Placement Program® to your school or district. For more information, contact a College Board Solutions Manager at **1-800-999-9149**.

Pre-AP®

Pre-AP® professional development is designed to support teachers and give them access to vital instructional strategies and an introduction to AP concepts. Pre-AP resources and services equip all middle and high school teachers with the skills to ensure that every student develops strong habits of mind, and the concepts required to succeed in college.

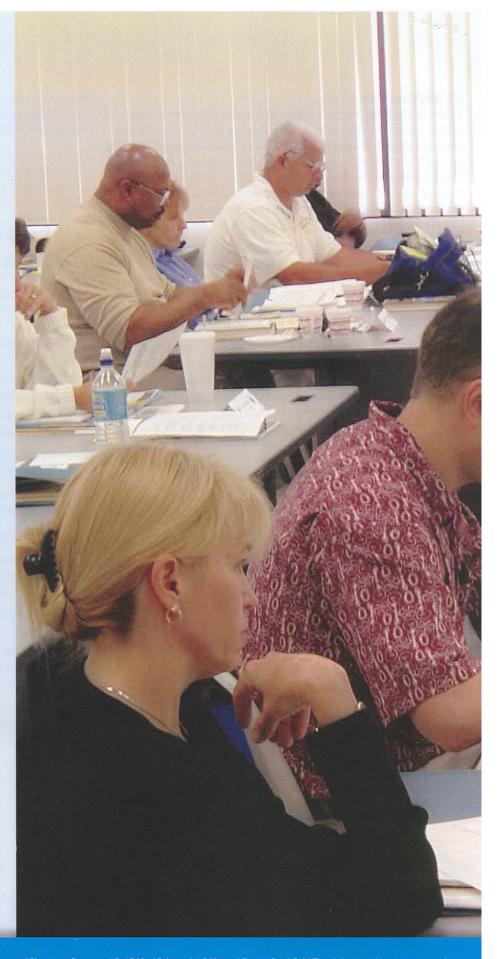
Pre-AP workshops provide professional development to help teachers prepare all students for the challenges of college-level work, such as in AP courses. This is done three ways:



Professional Development—Catalog

Mission Statement

The College Board's mission is to connect students to college success and opportunity. We are a not-for-profit membership organization committed to excellence and equity in education.



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AP Vertical Teaming

These workshops support teams of middle school and high school teachers to develop and implement a vertically aligned program aimed at helping students acquire the academic skills and habits of mind for college-level work including AP courses. The workshops are also suitable for individual teachers. AP Vertical Teams® ensure that students build on skills, rather than repeat or skip skills from grade to grade.

Classroom Strategies

These workshops support individual teachers with subject-specific approaches that can broaden access to college-level work. Educators will improve their understanding of content, instructional strategies, and pedagogical methods that will help students succeed in rigorous high school courses, such as those offered by the AP Program, and eventually college.

Instructional Leadership

School Administrators examine how to use Pre-AP professional development, namely AP Vertical Teams, to ensure that a system is created that can challenge all students to perform at rigorous academic levels.

Learn more about Pre-AP, training, publications, and AP Vertical Teams at

apcentral.collegeboard.com/pre-ap.

AP Central®

AP Central® is the College Board's official online home for AP professionals and Pre-AP. The site is free for all users and offers the most current information on the AP Program. At the site, teachers and other educators find personalized content, the AP Course home pages, AP Exam materials, the Teacher's Corner for Pre-AP, electronic discussion groups, reviews of teaching resources, sample activities from Pre-AP workshops, feature articles, research, and much more.

Online Events and Workshops

AP Central also offers online events and workshops to support, enhance, and expand the scope of the professional development opportunities at the College Board. These online sessions are offered to teachers, counselors, and administrators. They will include online sessions presented by experts, and online workshops offering CEU credits. Check out

the series of innovative online events and workshops available on AP Central at

apcentral.collegeboard.com/onlineevents/schedule.

AP Central Registration is FREE: apcentral.collegeboard.com

SAT Readiness Program[™] (SRP)

The foundation of a student's college preparation is a rigorous curriculum of English, mathematics, science, history, and other academic subjects. While in school, students should read extensively and develop good writing skills. SAT Professional Development workshops help teachers reinforce those skills and prepare all students for the new SAT and for college success.

With the new SAT coming in March 2005, the SAT Readiness Program[™] benefits educators and students by:

- Creating a low-cost program to help broaden student access to SAT preparation and college
- Increasing student confidence by providing the only practice tests created by the test maker

SAT® Readiness Publications

The Official SAT Teacher's Guide™

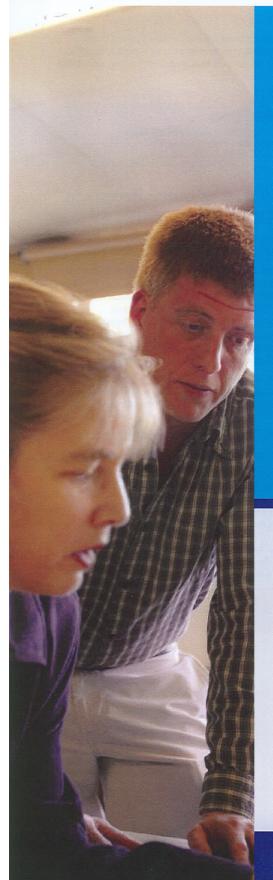
A valuable resource for teachers who lead preparation courses for the new SAT, this book can help students further develop the skills that are expected when they enter college.

Real SAT II: Subject Test Booklets

Individual SAT Subject Test $^{\text{M}}$ booklets come in class-size quantities that include full-length tests with answer sheets, answer keys, and scoring instructions. Give your students real practice before test day!

For more information, go to collegeboard.com/srpschool.





Professional Development: Mathematics

Workshops and Resources for Mathematics Educators

- Enhance your teaching with resources from the only official source for AP® and SAT® materials.
- Earn continuing education credits (CEUs) from an authorized source of the International Association for Continuing Education and Training (IACET).
- Attend a professional development event in your area. Our workshops are scheduled year-round in almost every state, near where you work and live.
- Develop and improve the skills necessary to teach AP mathematics courses effectively.

Advanced Placement Program® (AP®)

Take your students' education to a higher level.

AP workshops, conferences, and seminars are led by accomplished members of the AP community and/or by College Board—endorsed consultants. The events about mathematics offer excellent curricular assistance for AP educators who are new (0–3 years teaching AP), intermediate (4–7 years teaching AP), and experienced (8 or more years teaching AP).

AP Workshops and Seminars

General Information

- Half-day and one-day AP workshops exploring updates in Course Descriptions and AP Exams
- AP Advanced Topics seminars
- AP National Conference
- AP Summer Institutes

Calculus

- AP Calculus AB
- AP Calculus BC
- AP Distinguished Scholars seminar—Calculus: Errors, Errors Everywhere
- AP Distinguished Scholars seminar: Fifty Famous Curves, Lots of Calculus Questions and a Few Answers

Computer Science

AP Computer Science A/AB (combined)

Statistics

AP Statistics

continued)

Register for workshops online at collegeboard.com/meetings.

Customized workshops can be developed to meet district and/or state requirements.

For more information, please call your Solutions Manager at **1-800-999-9149**.



New Theme Materials for AP Workshops

AP Calculus

- Special Topic: Differential Equations
- Special Topic: The Fundamental Theorem (in development for fall 2005)

AP Computer Science

- Special Topic: Object-Oriented Design
- Special Topic: The Java Collections Hierarchy (in development for fall 2005)

AP Statistics

Special Topic: Inference (in development for fall 2005)

AP Publications

Available for Courses

- · Course Descriptions
- · Released Exams
- · Teacher's Guides

General

- Opening Classroom Doors: Strategies for Expanding Access to AP
- Thinking Through Mathematics: Fostering Inquiry and Communication in Mathematics Classrooms

AP Multimedia Resources Program

APCD® CD-ROMs

 Calculus AB APCD® CD-ROM (single user, school, or home package): contains sample AP Exam questions, tutorials, and many other features.

Video: Calculus in the Year 2000: New Ways of Teaching the Derivative and the Definite Integral

Pre-AP®

Help prepare every student to perform at rigorous academic levels. Strengthen skills and understanding of concepts with Pre-AP® professional development.

AP Vertical Teaming

These workshops support teams of middle school and high school teachers to develop and implement a vertically aligned program aimed at helping students acquire the academic skills and habits of mind for success in college-level work and AP courses.

Classroom Strategies

These workshops support individual teachers with subject-specific approaches that can broaden access to college-level work.

Pre-AP Workshops and Seminars

AP Vertical Teaming

- Advanced Topics for AP Vertical Teams[®] in Mathematics—Assessment
- Instructional Leadership Through AP Vertical Teams
- Setting the Cornerstones™ for the AP Vertical Team
- Topics for AP Vertical Teams in Mathematics

Classroom Strategies

- Instructional Leadership Strategies—
 Promoting Excellence and Equity in Advanced
 Placement Program® Courses
- Instructional Leadership Strategies—Using Data to Improve Student Preparation in Advanced Placement Program Courses
- Strategies in Mathematics—Accumulation
- Strategies in Mathematics—Analyzing and Describing Data
- Strategies in Mathematics—Chance, Variation, and Probability
- Strategies in Mathematics—Functions
- Strategies in Mathematics—Helping Students Learn Mathematics Through Problem Solving
- · Strategies in Mathematics—Rate

Pre-AP Publications

- Advanced Placement Program Mathematics Vertical Teams Toolkit
- The AP Vertical Teams Guide for Mathematics (in development for fall 2005)

Learn more about Pre-AP, training, publications, and AP Vertical Teams at apcentral.collegeboard.com/pre-ap.

AP Central®

AP Central® is the College Board's official online home for AP professionals and for Pre-AP. The site is **free** to use and offers the most current information on the AP Program, including Course Descriptions, sample syllabi, exam questions, course-specific feature articles, the AP Exam calendar, electronic discussion groups, a catalog of teaching resource reviews, a searchable listing of institutes and workshops, and much more.

Online Events and Workshops

The College Board offers online events and workshops to support, enhance, and expand the scope of our professional development opportunities. These sessions are offered to teachers, AP Coordinators, counselors, and

administrators. They include College Board informational events, course-specific sessions, and workshops that award continuing education credits (CEUs).

For a full schedule of online events and workshops, go to

apcentral.collegeboard.com/ onlineevents/schedule.

SAT Readiness Program[™] (SRP)

Create a complete program by selecting resources from the only authority on the new SAT.

The foundation of a student's college preparation is a rigorous curriculum of English, mathematics, science, history, and other academic subjects. Students should read extensively and develop good writing skills. SAT Professional Development™ workshops help teachers reinforce those skills and prepare all students for the new SAT and college success.

The SAT Readiness Program $^{\text{M}}$ also includes **free** introductory resources that provide an overview of the new SAT in online and print formats.

SAT® Readiness Workshops and Seminars

- · SAT Readiness, Holistic Scoring Workshop
- School-Based SAT Preparation Workshop
- New SAT Overview

SAT Readiness Publications

- The Official SAT Teacher's Guide™
- Real SAT II: Subject Test Booklet—Math Level 1 and 2

Learn more at collegeboard.com/srpschool.

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Professional Development: Mathematics

For more information, call 1-800-999-9149



Professional Development: Science

Workshops and Resources for Science Educators

- Enhance your teaching with resources from the only official source for AP® and SAT® materials.
- Earn continuing education credits (CEUs) from an authorized source of the International Association for Continuing Education and Training (IACET).
- Attend a professional development event in your area. Our workshops are scheduled year-round in almost every state, near where you work and live.
- Develop and improve the skills necessary to teach AP science courses effectively.

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Courses

- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Physics B/Physics C: Electricity and Magnetism (combined)

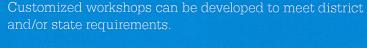
New Theme Materials for AP Workshops

AP Biology

- Special Topic: The Importance of Laboratory Work
- Special Topic: The Immune System (in development for fall 2005)

(continued)

Register for workshops online at collegeboard.com/meetings.



For more information, please call your Solutions Manager at 1-800-999-9149.



AP Chemistry

Special Topic: Equilibrium (in development for fall 2005)

AP Publications

Available for every subject

- · Course Descriptions
- · Released Exams
- · Teacher's Guides

Genera

- Inquiry and Learning: Realizing Science Standards in the Classroom
- Opening Classroom Doors: Strategies for Expanding Access to AP

Additional Publications

- · AP Biology Lab Manual for Students
- · AP Biology Lab Manual for Teachers

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Pre-AP Workshops and Seminars

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- Instructional Leadership Strategies—
 Using Data to Improve Student Preparation in Advanced Placement Program Courses
- Instructional Leadership Through AP Vertical Teams®

- Setting the Cornerstones[™] for the AP Vertical Team
- Topics for AP Vertical Teams in Science
- Strategies in Science—Creating a Learner-Centered Classroom
- Strategies in Science—Energy Systems
- Strategies in Science—Inquiry-Based Laboratories for Middle Schools

Pre-AP Publications

• AP Vertical Teams Guide for Science

Learn more about Pre-AP, training, publications, and AP Vertical Teams at apcentral.collegeboard.com/pre-ap.

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- School-Based SAT Preparation Workshop
- · New SAT Overview

SAT Readiness Publications

- The Official SAT Teacher's Guide™
- Real SAT II: Subject Test Booklet—Biology
- Real SAT II: Subject Test Booklet— Chemistry/Physics/Biology

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Professional Development: Science

For more information, call 1-800-999-9149